A

Abbott JF, 53
Abramovich G, 663
Abuhamad AZ, 623
Abu-Yousef MM, 263
Adler DD, 377
Alexander AA, 549
Allen JF, 499
Aloisio T, 587
Anderson JC, 465
Andrews HS, 673
Anyaegbunam A, 29
Ashby P, 121(Feb.)
Athey PA, 7
Atnip RG, 481

B

Babyn P, 563
Bahado-Singh RO, 297
Bajaraktarević, T, 135
Bakshi K, 65(Feb.)
Ballen K, 293
Balmes P, 667
Bass WT, 289
Bates JA, 469
Baudoin L, 115(March)
Bechtold, RE, 217
Begun FP, 543
Benacerraf BB, 449
Benacerraf BR, 25, 679, 686, 109(Feb.), 69(March), 75(March)
Bennett, TL, 233
Benson CB, 321
Berland LI, 260
Berry PJ, 673
Bijnens, E, 249
Bilić A, 517
Bloom DA, 87(Feb.)
Bober, SE, 179
Bodner, E, 149
Boehme, JM II, 217
Bondestam S, 253
Borgstede JP, 85(March)
Born DE, 559
Borreman, JP, 249
Bourgeois JM, 667
Bracero L, 275
Brammer HM, 361
Brayman AA, 413
Broeckx, J, 249
Bromley B, 25, 449
Brown DL, 293
Budorick, NE, 125
Budorick NE, 344, 473, 653
Bulas DI, 499
Burke M, 619
Burlbaw, J, 233

C

Callen PW, 533, 597
Carson PL, 377
Carstensen EL, 393
Changchien C-S, 527
Chang W-Y, 269
Chao CR, 663
Chavagneux R, 667
Chen, W-F, 237
Chen, W-J, 237
Chen J-J, 527
Chen S-C, 269
Chiang C-D, 105(March)
Chinn, DH, 147
Chiou S-S, 527
Choplin, RH, 217
Christenson PJ, 117(Feb.)
Chuang S, 563
Chuang W-L, 269
Čičak, N, 135
Cittadini G, 103(Feb.)
Clagett GE, 85(March)
Clay D, 257
Cochlin DL, 65(March)
Cohen, HL, 175, 177, 178, 179, 181, 182
Cohen HL, 81(March)
Colditz PB, 579
Comstock CH, 369
Conzi R, 103(Feb.)
Cooper, J, 178
Cooperberg PL, 521
Coren, C, 175
Coury A, 275
Cramer D, 25
Cronan JJ, 489, 493
Crystal, K, 182

D

Daneman A, 563
Dauzat M, 667
Davies RP, 603
Davis GH, 53
Deardorf J, 257
Degani S, 537
de Silva, M, 241
Devonald KJ, 579
DeVore GR, 317, 345
DeWire DM, 543
DiPrete DA, 489
Ditchfield MR, 327
Do HM, 493
Doida Y, 413
Dolkart LA, 496
Dolson, LH, 165
Donlan JD, 327
Dotters D, 115(March)
Doubilet PM, 321
Drose JA, 502
DuBose TJ, 84(March)
Dunn F, 441
Dvorak AD, 313

E

Edmonds PD, 93(Feb.)
Egglin TK, 285
Eisenberg, P, 175
Ellington KS, 301
Ellwood DA, 579
Endicott B, 53
Erickson S, 543
Estroff JA, 686, 69(March)
Everbach EC, 419
Exacoustòs C, 511

F

Farmakides G, 275
Feinkind L., 77(Feb.)
Fellmeth BD, 625
Ferguson, JM, 189
Fernandez, G, 155
Figoletto FD Jr, 109(Feb.)
Filly RA, 533, 597
Finberg, HJ, 185
Finberg HJ, 333, 571
Finley, BE, 233
Fitzgerald SW, 543
Fleischer, AC, 134
Foley WD, 543
Fowlkes JB, 377
Francica G, 587
Frates M, 321
Frazier HA, 117(Feb.)
Frick MP, 647
Frigoletto, FD Jr, 75(March)
Frigoletto FD, 25
Frigoletto FD Jr, 449
Frizzell LA, 393
Fung ASL, 676
Furukawa T, 607

G

Garenani, C, 179
Garlaschi G, 103(Feb.)
Gerroti M, 121(Feb.)
Gibson PR, 327
Gibson RN, 327
Giorgio A, 587
Glaser, K, 149
Glassberg K, 81(March)
Goldberg BB, 549
Goldman, MA, 177
Goldman M, 613
Gonen R, 537
González N, 567
Gooding GAW, 35
Gottesman, R, 181
Gracewski SM, 419
Grafe, MR, 125
Greene MF, 679
Greiss HB, 111(March)
Gross ML, 349
Grozio G, 103(Feb.)
Guerrieri JP, 117(Feb.)
Guzman E, 275

H

Hackett, RL, 117
Hadlock, FP, 252
Hadlock FP, 81(Feb.)
Haken BA, 393
Haller JO, 81(March)
Halliwell M, 433
Halton, K, 195
Hardt, NS, 117
Hargreaves C, 603
Harlow CL, 502
Harnist K, 377
Harrison LA, 473
Harris RA, 433
Harrist RB, 81(Feb.)
Haseman MK, 625
Hashimoto BE, 45, 260
Hayden, CK Jr, 209
Hayward I, 459
Healy DA, 481
Hershey, DW, 147
Hertzberg, BS, 155
Hertzberg BS, 301
Hilgers TW, 313
Hill LM, 617
Hirasa M, 553
Hirooka Y, 607
Hobbins JC, 297, 623
Hofer GA, 625
Hofbauer, R, 249
Hoffman CK, 533
Hoffman-Tretin JC, 29, 326
Hsieh M-Y, 269
Hsu J-Y, 105(March)

Hsu W-H, 105(March)
Huang W-L, 105(March)
Hübsch P, 639
Humphres RC, 93(Feb.)
Hybarger CP, 35
Hyjazi, Y, 188

I

Irving HC, 469
Ishihara A, 607

J

Jacobson, RL, 161
Jaffe, JS, 225
Jaffe R, 41
Jeffrey, RB Jr, 205
Johnson D, 499
Johnson J-A, 676
Jones KL, 459
Judmair, G, 149
Jurcak-Zaleski S, 369

K

Kahan, H, 181
Kallman, CE, 125
Kanoh J, 607
Kapur S, 499
Kashida H, 553
Katz, D, 182
Katz ME, 289
Keck SJ, 313
Kedar RP, 683
Keefe B, 115(March)
Kellman GM, 349
Kenny K, 45
Kimball CR, 313
Kim SW, 1
King K, 257
King M, 57
Kodama I, 65(Feb.)
Koenigsberg M, 29
Kofinas AD, 257, 274
Koven, MB, 177
Ko YT, 91(March)
Kramer D, 45
Kremer S, 613
Kremkau FW, 386
Kuchelmeister, J, 209
Kudo M, 553
Kuo C-H, 527
Kupfer, MC, 129
Kurjak A, 332, 631
Kutcher R, 613

L

Laing FC, 559
Lam, AH, 241
Langham, MR, 165
Langham ME, 517
Laude, JV, 117
Lawson RK, 543
Lawson TL, 543
Lebovic, J, 129
Lee, T-L, 237
Lee C-M, 527
Lee DH, 91(March)
Lee W, 369
Leopold GR, 653
Lerner RM, 387
Lester JW Jr, 309
Levi, S, 188
Levitch, L, 233
Lim JH, 91(March)
Linke RJ, 603
Lin Z-Y, 269
Lipscomb, TS, 209
Ljubičić N, 517
Loiacono LA, 65(Feb.)
Lombardi, T, 159
Lubbers PR, 361
Lu S-N, 269

M

Macdonald MC, 11
Machi J, 65(Feb.)
Mack LA, 559
Madsen EL, 11
Mahaffey SM, 517
Mahony, C, 189
Mahony BS, 73(Feb.)
Makhoul, J, 245
Malde HM, 683
Mancuso S, 511
Mandell J, 679
Marinelli DL, 95(March)
Mariniello N, 587
Martinez-Poyer J, 81(Feb.)
Martinoli C, 103(Feb.)
Matamoros A, 465
Matasović, T, 135
Mathieson JR, 521
Maynor CH, 301
McGahan JP, 73(Feb.), 111(March)
McGill F, 613
Medearis AL, 317
Melhem RE, 373
Meredith, C, 143
Merton DA, 549
Metz V, 639
Middleton WD, 349, 355
Miller, EI, 147
Miller DL, 407
Miller MW, 413
Mills A, 617
Mimura J, 553
Minkoff H, 77(Feb.)
Minowa K, 553
Miodovnik, M, 161
Mitake M, 607
Mitty, HA, 195
Mohan R, 305
Monchik JM, 493
Moore BS, 113(Feb.)
Morgan CA, 625
Mukherji SK, 293
Müller, C, 245

N

Naitoh Y, 607
Nanda D, 77(Feb.)
Needleman L, 549
Nelson, TR, 225
Nelson LH, 57
Nelson NL, 597
Neuberg D, 449
Neumaier CE, 103(Feb.)
Neumyer MM, 481
Nghiem, HV, 205
Nyberg DA, 73(Feb.)
Nyborg WL, 425

O

Okabe Y, 553
Orr LA, 373
Osathanondh R, 25

P

Paltiely Y, 537
Parad RB, 686
Parker KJ, 387
Pastorino C, 103(Feb.)
Perlmutter GS, 95(March)
Pertorius DH, 653
Peters CA, 679
Pfleghaar K, 53
Platt LD, 317
Pölzleitner D, 639
Porter HJ, 673
Pourcelot L, 667
Powell RW, 373
Predanić M, 631
Pretorius, DH, 125, 225
Pretorius D, 459
Pretorius DH, 473, 113(Feb.)
Prohaska SS, 93(Feb.)

Q

Quinn, RJ, 143

R

Rabin A, 29
Rabinowitz, JG, 195
Rawat B, 121(Feb.)
Rayburn WF, 465
Rebarber A, 305
Reimers FT, 496
Reisner DP, 73(Feb.)
Renowden SA, 65(March)
Reznik VM, 113(Feb.)
Richards, DS, 165
Richards DS, 517
Rifkin MD, 619
Riley L, 75(March)
Rimer VG, 93(Feb.)
Roberts A. 65(Feb.)
Roberts CE, 7
Robinson ML, 95(March)
Robinson RG, 603
Rochelson B, 275
Roland, S, 181
Rollandi GA, 103(Feb.)
Romero R, 297, 623
Rooker KT, 625
Ros, PR, 117
Rosati P, 511
Rosenberg RD, 365
Rosenblatt R, 613
Rossavik, IK, 251
Rossavik IK, 74(March)
Rozenblit A, 613
Rubin J, 377
Rysavy JA, 647

S

Sacks D, 95(March)
Santolaya-Forgas, J, 139
Sanvordenker JK, 87(Feb.)
Satake T, 607
Satin AJ, 49
Scala V, 587
Schiebler ML, 115(March)
Schulman H, 275
Schurawitzki H, 639
Schwarz, C, 149
Schwimer, SR, 129
Scioscia AL, 113(Feb.)
Setzen, G, 179
Shaffer WK, 623

Shalan H, 332
Shapiro, M, 182
Shapiro, R, 195
Shapiro I, 537
Shapiro MA, 81(March)
Sharf M, 537
Sherer DM, 274
Sherman, L, 159
Shimada K, 553
Siddiqi, TA, 161
Sigel B, 65(Feb.)
Simon NV, 257
Simons M, 121(Feb.)
Sivak MV Jr, 61
Slade, L, 143
Smart JA, 603
Smith CV, 465
Smith JD, 87(Feb.)
Smith WS, 361
So, H, 178
Sooy CD, 35
Stahl JA, 355
Stamm, ER, 125
Stamm E, 459
Stamm ER, 653
Stein BS, 493
St. John Dignan, P, 161
Subramanyam B, 80(March)
Sudakoff GS, 619
Susani M, 639
Su W-P, 269
Syn HC, 1

T

Tai D-I, 527
Takano K, 607
Taki T, 607
Tamisiea DF, 313
Tanaka M, 607
Tarantino L, 587
Targhetta R, 667
Tata DB, 441
Teele RL, 686
Terry JD, 647
Theyer G, 639
Thiele BL, 481
Thomas, D, 245
Thomas RL, 117(Feb.)
Timor-Tritsch I, 326
Timor-Tritsch IE, 663
Tochio H, 553
Todo A, 553
Toi A, 676
Tomita S, 553
Towers, CV, 147
Traindl O, 639
Trattnig S, 639
Trombly JF, 309
Tsai, C-C, 237
Tsai J-F, 269
Tschmelitsch, J, 149
Tsukamoto Y, 607
Tusæe D, 93(Feb.)
Twickler DM, 49
Tykochinsky, G, 117

V

Vakil, N, 419
Van Dam J, 61
van Holsbeeck, M, 159
Vecchio M, 297
Villanueva, AC, 241

W

Wajsman, Z, 117
Wall DT, 521
Waltman AC, 285
Wan, Y-L, 237
Wang L-Y, 269
Wapner RJ, 53
Warsof SL, 41
Wax MR, 321
Weill FS, 359
Weingarten BJ, 349
Wells PNT, 433
Wendel GD, 49
Wertheimer IS, 496
Weston MJ, 673
White LE, 289
Williams AR, 407
Williams JW, 333
Williamson MR, 365
Wilson BO, 496
Wilson S, 676
Winters MA, 93(Feb.)
Winter TC III, 559
Withers C, 563
Wolfman, NT, 217
Wolfson PJ, 549
Woods JR Jr, 274

Y

Yaksich PJ, 313
Yamada M, 607
Yeh, H-C, 195
Yeh J, 321
Yeomans ER, 309
Yoon BH, 1
Yucel EK, 285

Z

Zalud I, 332
Zamora M, 567
Zerin JM, 87(Feb.)
Zimmer EZ, 663
Zuccaro G Jr, 61

A

Abnormal Spinal Curvature in the Fetus, Harrison LA, Pretorius DH, Budorick NE, 473
Acoustic cavitation, effect of, on contraction force and membrane potential of papillary muscle, 261
Acute Appendicitis Confined to the Appendiceal Tip: Evaluation with Graded Compression Sonography, Nghiem HV, Jeffrey RB Jr, 205
Adnex A, left, contained in incarcerated inguinal hernia, 249
Adnexal mass, transvaginal color ultrasonography of, 80(Mar.), 332
Adrenal gland, lying down sign of, 533
Adrenal hemorrhage, prenatal diagnosis of, 369
Air, in myometrium, as culdocentesis complication, 7
Allantoic cyst, of umbilical cord, 117(Feb.)
Altitude, umbilical artery Doppler resistance and, 317
Amniocentesis, genetic, in fetal choroid plexus cyst, 147
Amniotic rupture, without amniotic band syndrome, 109(Feb.)
Amniotic sheets, prenatal, Doppler flow analysis of, 623
Antenatal Presentation of a Child with Congenital Lobar Emphysema (case report), Richards DS, Langham MR Jr, Dolson LH, 165
Antenatal Sonographic Features of Walker-Warburg Syndrome: Value of Endovaginal Sonography (case report), Maynor CH, Hertzberg BS, Ellington KS, 301
Antley-Bixler Syndrome (case report), Jacobson RL, Dignan, PSJ, Miodovnik M, Siddiqi TA, 161
Aortic and Pulmonary Outflow Tract Screening Examination in the Human Fetus, DeVore GR, 345
Appendicitis, acute
  in childhood, 209
  confined to appendiceal tip, 205
Application of Duplex Doppler Sonography in Intracranial Carotid Dissection (case report), Rawat B, Gerroti M, Ashby P, Simons M, 121(Feb.)
Arterioportal shunting, in hepatocellular carcinoma, pulsed Doppler of, 269
Arteriovenous malformation, intracranial fetal, presenting as enlarged cardiac chamber, 177
Aspiration of Bilateral Perinephric Urinomas and Vesicoamniotic Shunt Placement in Fetal Bladder Outlet Obstruction (case report), Mandell J, Greene MF, Peters CA, Benacerraf BR, 679
Assessment of the Empty Follicle Syndrome by Transvaginal Sonography, Hilgers TW, Kimball CR, Keck SJ, Dvorak AD, Tamisiea DF, Yaksich PJ, 313
Avoiding Ambiguity in the Sonographic Determination of the Direction of Umbilical Cord Twists, Finberg HJ, 185
Axillary artery pseudoaneurysm, color flow-guided repair of, 625

B

B/A analysis of liposome suspension, thermodynamic method of, 441
Basal ganglia, fetal, in cytomegalovirus infection, 686
Biliary obstruction, extrahepatic, Valsalva maneuver in, 143
Bladder
  after ureteral reimplantation, 37
  exstrophy of, prenatal diagnosis of, 507
Bladder outlet obstruction, fetal, 679
Bladder Pheochromocytoma: Color Doppler Sonographic Correlation (case report), Cronan JJ, Do HM, Monchik JM, Stein BS, 493
Blood flow
  portal, verapamil and, in liver cirrhosis, 517
  uteroplacental, in abnormal first trimester pregnancy, 41
Book reviews
  Color Doppler Flow Imaging, Foley WD, 516
  Transvaginal Color Doppler, Kurjak A, 134
  Transvaginal Ultrasound, Dodson MG, 344
Bowel obstruction, fetal, 232
Breast cancer vasculature, color Doppler of, 377
Bursitis, subdeltoid, septic, 159

C

Calcium, milk of, in renal cyst, 195
Cancer, of breast, color Doppler of, 377
Carotid artery, pseudoulceration of, 355
Carotid dissection, intracranial, duplex Doppler in, 121(Feb.)
Cavitation, ultrasonic, in rotating exposure chamber, 407
Celiac vascular disease, duplex ultrasound of, 481
Cell lysis, ultrasound-induced, 413
Cerebellar measurement, fetal, 257
Cervical changes, in patients not at risk for preterm birth, 75(Mar.)
Cervical Ectopic Pregnancy: Avoiding Pitfalls in the Ultrasonographic Diagnosis (case report), Rosenberg RD, Williamson MR, 365
Cervical spine sonography, special technique for, 502
Cervical width and length, in pregnancy, 465
Cesarean section, prior, placenta accreta and, 333
Child
  acute appendicitis in, 209
  congenital lobar emphysema in, antenatal presentation of, 165
  renal hemangiopericytoma in, 238
Choroid plexus cyst, fetal, genetic amniocentesis and, 147
Choroid Plexus Pseudocyst: Sonographic Identification and Characterization, Nelson NL, Callen PW, Filly RA, 597
Chromosomal abnormalities
  prenatal detection of, sonographic scoring index for, 449
  second trimester fetal body ratios and, 81(Feb.)
Cirrhosis
  ethanol injection of hepatocellular carcinoma in, 587
  hepatic, portal blood flow in, verapamil and, 517
Cisterna magna, fetal, linear echoes in, 125
Clinical Utility of Pulsed Doppler in the Detection of Arterioportal Shunting in Patients with Hepatocellular Carcinoma, Lin Z-Y, Chang W-Y, Wang L-Y, Su W-P, Lu S-N, Chen S-C, Chuang W-L, Hsieh M-Y, Tsai J-F, 269
Cloacal exstrophy, prenatal diagnosis of, 507
Colonic meconium, in third trimester, 676
Color Doppler, 516
  of adult scrotum, 543
  of bladder pheochromocytoma, 493
  of breast cancer vasculature, 377
  of fetal hemangioma, 499
  of hemorrhagic epididymitis, in Henoch-Schonlein purpura, 619
  of iliac aneurysm, 45
  of inferior vena cava, 639
  of lipoblastoma, 549
  of liver, in focal nodular hyperplasia, 553
  operative, for vascular surgery, 65(Feb.)
  of ovarian malignancy, 63, 631
  in pulmonary sequestration diagnosis, 175
  of saphenous thrombophlebitis extension into femoral vein, 285
  three-dimensional sonographic analysis with, 225
  transvaginal, 134, of adnexal mass, 80(Mar.), 332
Color Doppler Flow Imaging of Hepatic Focal Nodular Hyperplasia (case report), Kudo M, Tomita S, Minowa K, Tochio H, Shimada K, Mimura J, Okabe Y, Kashida H, Hirasa M, Todo A, 553
Color Doppler Imaging in the Assessment of Uteroplacental Blood Flow in Abnormal First Trimester Intrauterine Pregnancies: An Attempt to Define Etiologic Mechanisms, Jaffe R, Warsof SL, 41
Color Doppler Imaging of Inferior Vena Cava: Identification of Tumor Thrombus, Hubsch P, Schurawitzki H, Susani M, Theyer G, Traindl O, Polzleitner D, Trattnig S, Metz V, 639
Color Doppler Sonography in the Evaluation of the Adult Acute Scroum, Fitzgerald SW, Erickson S, DeWire DM, Foley WD, Lawson TL, Begun FP, Lawson RK, 543
Color flow compression sonography, of saphenous thrombophlebitis extension into femoral vein, 285
Color Flow-Guided Repair of Axillary Artery Pseudoaneurysm (case report), Rooker KT, Morgan CA, Haseman MK, Hofer GA, Fellmeth BD, 625
Comparison of Duplex Doppler Sonography of the Ligamentum Teres and Portal Vein with Endoscopic Demonstration of Gastroesophageal Varices in Patients with Chronic Liver Disease or Portal Hypertension, or Both, Gibson PR, Gibson RN, Ditchfield MR, Donla JD, 327
Comparison of Fetal Cerebellar Measurements by Two Different Techniques, Kofinas AD, Simon NV, King K, Clay D, Deardorf, J, 257
Compression Ultrasonography: Treatment for Acute Femoral Artery Pseu-

doaneurysm in Selected Cases, DiPrete DA, Cronan JJ, 489
Computed tomography, of gastrointestinal smooth muscle tumors, 527
Congenital anomalies, ultrasound of, sensitivity of, 188
Congenital lobar emphysema, in child, antenatal presentation of, 165
Congenital nephrotic syndrome, Finnish type, fetal, 113(Feb.)
Congenital Syphilis Associated with Dilation of Fetal Small Bowel (case report), Satin AJ, Twickler DM, Wendel GD Jr, 49
Conservation of Receptor Expression and Phagocytic Activity of Murine Macrophages Exposed to Various Ultrasonic Regimens in Vitro, Prohaska SS, Rimer VG, Winters MA, Humphries RC, Tuse D, Edmonds PD, 93(Feb.)
Contained Rupture of the Inferior Vena Cava: Diagnosis by Ultrasonography and Magnetic Resonance Imaging (case report), Mukherji SK, Brown DL, Ballen K, 293
Contraction force, of papillary muscle, acoustic cavitation and, 261
Coronal biparietal diameter, 84(Mar.)
Culdocentesis, complications of, 7
Cystic adenomatoid malformation, in one fetus of twins, 305
Cystic parotid lesions, in HIV infection, 35
Cytomegalovirus infection, fetal thalami and basal ganglia in, 686

D

Dandy-Walker variant, cervical spine sonography of, 502
Delayed Return of the Fetal Midgut to the Abdomen Resulting in Volvulus, Bowel Obstruction, and Gangrene of the Small Intestine (case report), Finley BE, Burlbaw J, Bennett TL, Levitch L, 233
Detection of a Patent Urachus and Allantoic Cyst of the Umbilical Cord on Prenatal Ultrasonography (case report), Frazier HA, Guerrieri JP, Thomas RL, Christenson PJ, 117(Feb.)
Development of Spontaneous Echocardiographic Contrast after Surgical Trauma, Mahony C, Ferguson JM, 189
Diagnosis of Phocomelia by Transvaginal Sonography (case report), Trombly JE, Yeomans ER, Lester JW Jr, 309
Doppler, *See also* Color Doppler; Duplex Doppler
Doppler flow analysis, of prenatal amniotic sheets, 623
Doppler Flow Velocity Waveforms in Fetal Surveillance of Twins: A Prospective Longitudinal Study, Degani S, Gonen R, Shapiro I, Paltely Y, Sharf M, 537
Doppler resistance, umbilical artery, altitude and, 317
Doppler ultrasound, peripheral arterial, 95(Mar.)
Doppler velocimetry
  of umbilical artery
    to identify fetal acidosis, 1
    in women with systemic lupus erythematosus, 275
  umbilical and uterine, in preeclampsia, 77(Feb.)
Doppler waveform, intravenous furosemide and, in normal kidney, 65(Mar.)
Duodenal ulcer, sonographic detection of, 91(Mar.)
Duplex and Color Doppler Appearance of Isolated Internal Iliac Aneurysm, Hashimoto BE, Kenny K, Kramer D, 45
Duplex Doppler
  of hepatic and portal veins, 263, 327
  in intracranial carotid dissection, 121(Feb.)
  of ligamentum teres and portal vein, in liver disease and portal hypertension, 327
  of lower extremities, alternative diagnoses found in, 85(Mar.)
Duplex ultrasound
  of celiac and mesenteric vascular disease, 481
  of iliac aneurysm, 45
Dural Sinus Ectasia after Prolonged Nuchal Cord Encirclement (case report), Katz ME, Bass WT, White LE, 289

E

Early Diagnosis of Holoprosencephaly (case report), Nelson LH, King M, 57
Echocardiographic contrast, spontaneous, after surgical trauma, 189
Echogenic Colonic Meconium in the Third Trimester: A Normal Sonographic Finding (case report), Fung ASL, Wilson S, Toi A, Johnson J-A, 676
Echogenic Vessels in the Fetal Thalami and Basal Ganglia Associated with Cytomegalovirus Infection (case report), 686
Ectopia, lying down adrenal sign and, 533
Ectopic pregnancy, cervical, ultrasonographic diagnostic pitfalls of, 365
Effect of Altitude on the Umbilical Artery Doppler Resistance, DeVore GR, Medearis AL, Platt LD, 317
Effect of Intravenous Furosemide on the Doppler Waveform in Normal Kidneys, Renowden SA, Cochlin DL, 65(Mar.)
Effect of Mode Conversion on Ultrasonic Heating at Tissue Interfaces, Haken BA, Frizzell LA, Carstensen EL, 393
Effect of the Valsalva Maneuver on the Diameter of the Common Hepatic Duct in Extrahepatic Biliary Obstruction, Quinn RJ, Meredith C, Slade L, 143
Effect of Verapamil on Portal Blood Flow in Patients with Liver Cirrhosis, Ljubicic N, Bilic A, 517
Efficacy of Doppler Umbilical Artery Velocimetry in Identifying Fetal Acidosis: A Comparison with Fetal Biophysical Profile, Yoon BH, Syn HC, Kim SW, 1
Embryo, umbilical vein entering right atrium of, diagnosis of, 111(Mar.)
Emphysema, lobar, congenital, in child, antenatal presentation of, 165
Empty follicle syndrome, transvaginal sonography of, 313
Endometriomata, transvaginal sonographic appearance of, 129
Endosonographic Diagnosis of a Submucosal Gastric Cyst (case report), Van Dam J, Zuccaro G Jr, Sivak MV Jr, 61
Endosonography (ES) in the Diagnosis of Recurrent Cancer of the Rectum, Tschmelitsch J, Glaser K, Schwarz C, Judmair G, Bodner E, 149
Endovaginal sonography, Walker-Warburg syndrome features in, 301
Endovascular ultrasound, new potential for, 359
Enhanced Color Flow Imaging of Breast Cancer Vasculature: Continuous Wave Doppler and Three-Dimensional Display, Carson PL, Adler DD, Fowlkes JF, Harnist K, Rubin J, 377
Envelope That Tissue Imposes on Achievable Ultrasonic Imaging, Wells PNT, Harris RA, Halliwell M, 433
Epididymitis, hemorrhagic, in Henoch-Schonlein purpura, color Doppler of, 619
Ethanol injection, of hepatocellular carcinoma, in cirrhosis, 587
Evaluation of Celiac and Mesenteric Vascular Disease with Duplex Ultrasonography, Healy DA, Neumyer MM, Atnip RG, Thiele BL, 481
Evaluation of PACS in Ultrasonography, Wolfman NT, Boehme JM II, Choplin RH, Bechtold RE, 217
Extension of Saphenous Thrombophlebitis into the Femoral Vein: Demonstration by Color Flow Compression Sonography, Yucel EK, Egglin TK, Waltman AC, 285

F

Fallopian tube, Hydatids of Morgagni in, 115(Mar.)
Fat, perirenal, septated hypoechoic, on renal ultrasonography, 361
Femoral artery pseudoaneurysm, compression of, 182, 489
Femoral vein, saphenous thrombophlebitis extension into, 285
Fertilization, in vitro, pregnancies after, first trimester findings in, 321
Fetal bladder outlet obstruction, 679
Fetal Body Ratios in Second Trimester: A Useful Tool for Identifying Chromosomal Abnormalities?, Hadlock FP, Harrist RB, Martinez-Poyer J, 81(Feb.)
Fetal Growth Retardation Due to Massive Subchorionic Thrombohematoma (case report), Thomas D, Makhoul J, Muller C, 245
Fetal Hemangioma: Sonographic and Color Flow Doppler Findings (case report), Bulas DI, Johnson D, Allen JF, Kapur S, 499
Fetal ovarian cyst, spontaneous resolution of, 567
Fetal Stomach Measurements: Not Reproducible by the Same Observer, Zimmer EZ, Chao CR, Abramovich G, Timor-Tritsch IE, 664
Fetal thalami and basal gangia, in cytomegalovirus infection, 686
Fetal Thyroid: Normal and Abnormal Sonographic Measurements, Bromley B, Frigoletto FD Jr, Cramer D, Osathanondh R, Benacerraf BR, 26
Fetal Umbilical Vein Varix: Sonographic Appearance and Postnatal Outcome, Estroff JA, Benacerraf BA, 69(Mar.)
Fetus

abnormal spinal curvature of, 473
acidosis in, Doppler umbilical artery velocimetry to identify, 1
aortic and pulmonary outflow tract screening in, 345
cerebellar measurement of, 257
choroid plexus cyst in, genetic amniocentesis and, 147
cisterna magna in, linear echoes in, 125
congenital nephrotic syndrome of Finnish type in, 113(Feb.)
gallstones in, 579
giant parietal foramina in, detection of, 155
intra-abdominal umbilical vein of, varix of, 73(Feb.)
intracranial arteriovenous malformation presenting as enlarged cardiac chamber in, 177
midgut of, delayed return of, to abdomen, consequences of, 233
renal agenesis or ectopia in, lying down adrenal sign and, 533
renal obstruction in, Doppler identification of, 469
small bowel dilation in, congenital syphilis and, 49
First Trimester Findings in Pregnancies after in Vitro Fertilization, Wax MR, Frates M, Benson CB, Yeh J, Doubilet PM, 321
Furosemide, intravenous, Doppler waveform and, in normal kidney, 65(Mar.)

G

Gallstone
fetal, 579
pyramidal, 521
Gallstone Movement during Lithotripsy: Mechanisms and Effects on Fragmentation, Vakil N, Everbach EC, Gracewski SM, 420
Gangrene, of small intestine, fetal, 232
Gastric cyst, submucosal, endosonographic diagnosis of, 61
Gastrointestinal tract, smooth muscle tumors of, sonographic and computed tomographic patterns of, 527
Graded compression sonography, of acute appendicitis, 205
Gray scale image data, three-dimensional sonographic analysis with, 225
Growth retardation, fetal, from subchorionic thrombohematoma, 245
Guest editorial, *New Potential for Endovascular Ultrasonography*, Weill FS, 359
Gut, volvulus in, 178

H

Heart
enlarged chamber of, fetal intracranial arteriovenous malformation presenting as, 177
right atrium of, umbilical vein entering, in utero diagnosis of, 111(Mar.)
Heating, ultrasonic, at tissue interfaces, mode conversion and, 393
Hemangioma, fetal, 499
Hemangiopericytoma, renal, in child, 238
Hematoma, of rectus sheath, simulating penappendiceal abscess, 179
Hemimegalencephaly: Cranial Sonographic Findings (case report), Lam AH, Villanueva AC, de Silva M, 241
Hemorrhagic epididymitis, in Henoch Schonlein purpura, color Doppler of, 619
Henoch-Schonlein purpura, hemorrhagic epididymitis in, color Doppler of, 619
Hepatic lobe, left, accessory fissure of, omental infolding and, 104(Feb.)
Hepatic vein, duplex Doppler of, normal and respiratory variations of, 263
Hepatocellular carcinoma
arterioportal shunting in, pulsed Doppler of, 269
ethanol injection in, in cirrhotic patient, 587
Hernia
congenital hiatal, prenatal diagnosis of, 297
inguinal, incarcerated, containing uterus and left adnex A, diagnosis of, 249
Holoprosencephaly, early diagnosis of, 57
Horseshoe kidney, antenatal diagnosis of, 274
Human immunodeficiency virus, infection, cystic parotid lesions in, 35
Hydatids of Morgagni, in fallopian tube, 115(Mar.)
Hyperplasia, hepatic focal nodular, color Doppler of, 553
Hypertension, duplex Doppler of ligamentum teres and portal vein in, 327
Hypertrophic pyloric stenosis, infantile, 603

I

Iliac aneurysm, duplex and color Doppler of, 45
Impalpable Thoracic Bony Lesions Diagnosed by Sonographically Guided Needle Aspiration Biopsy, Hsu W-H, Chiang C-D, Hsu J-Y, Huang W-L, 105(Mar.)
Implications of Sonographically Identified Cervical Changes in Patients Not Necessarily at Risk for Preterm Birth, Riley L, Frigoletto FD Jr, Benacerraf BR, 75(Mar.)
Inability of Color and Spectral Doppler to Identify Fetal Renal Obstruction, Bates JA, Irving HC, 469
Infantile hypertrophic pyloric stenosis, 603
Intraductal ultrasound, to diagnose pancreatobiliary disease, 607
Intrarenal Doppler: Characteristics of Aging Kidneys, Terry JD, Rysavy JA, Frick MP, 647

K

Kidney, normal, Doppler waveform in, intravenous furosemide and, 65(Mar.)
Kidney hemorrhage, after intense pulsed ultrasound, 262
Kidneys, aging, characteristics of, 647

L

Laryngeal atresia, prenatal diagnosis of, 496
Letters from guest editor, 386
Letters to the editor, 74(Mar.), 80(Mar.), 84(Mar.), 148, 188, 260, 274, 326, 332
Ligamentum teres, duplex Doppler of, in liver disease and portal hypertension, 327
Linear Echoes in the Fetal Cisterna Magna, Pretorius DH, Kallman CE, Grafe MR, Budorick NE, Stamm ER, 125
Lipoblastoma: Diagnosis with Computed Tomography, Ultrasonography, and Color Doppler Imaging (case report), Merton DA, Needleman L, Alexander AA, Wolfson PJ, Goldberg BB, 549
Lipoma, pontine, prenatal sonographic diagnosis of, 561
Liposome suspensions, B/A analysis of, thermodynamic method of, 441
Literature reviews, 406
Lithotripsy, gallstone movement during, 420
Liver, focal nodular hyperplasia of, color Doppler of, 553
Liver cirrhosis, portal blood flow in, verapamil and, 517
Liver disease, duplex Doppler of ligamentum teres and portal vein in, 327
Longitudinal Evaluation of Uterine Myoma Growth during Pregnancy: A Sonographic Study, Rosati P, Exacoustos C, Mancuso S, 511
Lower extremities, duplex Doppler of, alternative diagnoses found in, 85(Mar.)
Lung damage, from pulsed ultrasound, 406
"Lying Down" Adrenal Sign: A Sonographic Indicator of Renal Agenesis or Ectopia in Fetuses and Neonates, Hoffman CK, Filly RA, Callen PW, 533

M

Macrophages, receptor expression and phagocytic activity of, after ultrasound, 93(Feb.)
Magnetic resonance imaging, of contained inferior vena cava rupture, 293
Malignancy, ovarian, new scoring system for, 631
Meconium, colonic, in third trimester, 676
Meconium Thorax: Prenatal Sonographic Diagnosis (case report), Kedar RP, Malde HM, 683
Mediastinum testis, tubular ectasia in, 349
Megalencephaly, unilateral, 564
Membrane potential, of papillary muscle, acoustic cavitation and, 261
Meningoencephalocele, cervical spine sonography of, 502
Menstrual cycle, physiology of, 139
Mesenteric vascular disease, duplex ultrasound of, 481
Method for Determining the SATA and SAPA Intensities for Real-Time Ultrasonographic Scanning Modes, Macdonald MC, Madsen EL, 11

Midgut volvulus, 178
Milk of Calcium in Renal Cysts: New Sonographic Features, Yeh H-C, Mitty HA, Halton K, Shapiro R, Rabinowitz JG, 195
Multiple Criteria in Sonographic Diagnosis of Prostatic Carcinoma Allows Identification of All Glands Harboring Clinically Significant Tumor: An in Vitro Study with Histopathologic Correlation, Hardt NS, Kaude JV, Tykochinsky G, Ros PR, Wajsman Z, Hacktt RL, 117
Myoma, uterine, growth of, in pregancy, 511
Myometrium, air in, as culdocentesis complication, 7

N

Needle aspiration biopsy, sonographically guided, impalpable thoracic bony lesion diagnosed by, 105(Mar.)
Needle Tip Echo, Bondestam S, 253
Neonate, renal agenesis or ectopia in, lying down adrenal sign and, 533
Nephrotic syndrome, congenital, Finnish type, fetal, 113(Feb.)
New Scoring System for Prediction of Ovarian Malignancy Based on Transvaginal Color Doppler Sonography, Kurjak A, Predanic M, 631
New Technique Using Intraductal Ultrasonography for the Diagnosis of Diseases of the Pancreatobiliary System, Furukawa T, Naitoh Y, Tsukamoto Y, Mitake M, Yamada M, Ishihara A, Hirooka Y, Satake T, Kanoh J, Tanaka M, Takano K, Taki T, 607
Node-antinode interactions, cell lysis and, 413
Normal and Respiratory Variations of the Hepatic and Portal Venous Duplex Doppler Waveforms with Simultaneous Electrocardiographic Correlation, Abu-Yousef MM, 263
Nuchal cord encirclement, prolonged, dural sinus ectasia after, 289
Nucleation and Evolution of Ultrasonic Cavitation in a Rotating Exposure Chamber, Miller DL, Williams AR, 407

O

Operataive Color Doppler Imaging for Vascular Surgery, Machi J, Sigel B, Roberts A, Bakshi KR, Kodama I, Loiacono LA, 65(Feb.)
Ovarian cyst, fetal, spontaneous resolution of, 567
Ovarian malignancy, new scoring system for, 631

P

Pancreas, annular, in newborn, 373
Pancreatobiliary system, disease of, intraductal ultrasound for diagnosis of, 607
Papillary muscle, contraction force and membrane potential of, acoustic cavitation and, 261
Parietal foramina, giant, fetal, detection of, 155
Penappendiceal abscess, rectus sheath hematoma simulating, 179
Percutaneous Ethanol Injection under Sonographic Guidance of Hepatocellular Carcinoma in Compensated and Decompensated Cirrhotic Patients, Giorgio A, Tarantino L, Francica G, Scala V, Mariniello N, Aloisio T, 587
Peripheral Arterial Doppler Ultrasonography: Diagnostic Criteria, Sacks D, Robinson ML, Marinelli DL, Perlmutter GS, 95(Mar.)
Phagocytic activity, of macrophages, after ultrasound, 93(Feb.)
Pheochromocytoma, of bladder, color Doppler of, 493
Phocomelia, transvaginal sonographic diagnosis of, 309
Physiology of the Menstrual Cycle by Ultrasonography, Santolaya-Forgas J, 139
Picture archiving communication system, evaluation of, 217
Placenta Accreta: Additional Sonographic Observations, Hoffman-Tretin JC, Koenigsberg M, Rabin A, Anyaegbunam A, 29
Placenta Accreta: Prospective Sonographic Diagnosis in Patients with Placenta Previa and Prior Cesarean Section, Finberg HJ, Williams JW, 333
Placenta accreta, 326
Placenta previa, placenta accreta and, 326
Pontine lipoma, prenatal sonographic diagnosis of, 561
Portal blood flow, verapamil and, in liver cirrhosis, 517
Portal vein, duplex Doppler of
  in liver disease and portal hypertension, 327
  normal and respiratory variations of, 263
Postmenopausal Tubo-ovarian Abscess: Sonographic Considerations and Clinical Significance (case report), Kremer S, Kutcher R, Rosenblatt R, McGill F, Rozenblit A, Goldman M, 613
Preeclampsia, umbilical and uterine Doppler velocimetry in, 77(Feb.)
Pregnancy
  cervical width and length in, 465
  first trimester
    abnormal, uteroplacental blood flow in, 41
    after in vitro fertilization, 321
  maternal varicella infection in, 459
  second trimester of, fetal body ratios in, 81(Feb.)
  uterine myoma growth in, 511
Prenatal amniotic sheets, Doppler flow analysis of, 623
Prenatal Diagnosis of Adrenal Hemorrhage by Ultrasonography (case report), Lee W, Comstock CH, Jurcak-Zaleski S, 369
Prenatal Diagnosis of Congenital Hiatal Hernia (case report), Bahado-Singh RO, Romero R, Vecchio M, Hobbins JC, 297
Prenatal Diagnosis of Cystic Adenomatoid Malformation of One Fetus in a Twin Pregnancy: An Unusual Presentation (case report), Rebarber A, Mohan R, 305
Prenatal Diagnosis of Laryngeal Atresia (case report), Dolkart LA, Reimers FT, Wertheimer IS, Wilson BO, 496
Prenatal Diagnosis of Vestigial Tail (case report), Abbott JF, Davis GH, Endicott B, Pfleghaar K, Wapner RJ, 53
Prenatal Sonographic Detection of Giant Parietal Foramina (case report), Fernandez G, Hertzberg BS, 155
Prenatal Sonographic Diagnosis of a Pontine Lipoma (case report), Winter TC III, Laing FC, Mack LA, Born DE, 561
Prenatal Ultrasonographic Diagnosis of Cloacal Exstrophy (case report), Richards DS, Langham MR Jr, Mahaffey SM, 507
Preterm birth, patients not necessarily at risk for, cervical changes in, 75(Mar.)
Prostaglandin level, in preeclampsia, umbilical and uterine Doppler velocimetry in and, 77(Feb.)
Prostate carcinoma, identification of tumor in glands, 117
Pseudoaneurysm
  of axillary artery, color flow-guided repair of, 625
  of femoral artery, compression of, 182, 489
Pseudocyst, choroid plexus, 597
Pseudoulceration of the Carotid Artery (case report), Stahl JA, Middleton WD, 355
Pulmonary outflow tract screening, in human fetus, 345
Pulmonary sequestration, diagnosis of, color Doppler in, 175
Pulsed Doppler, of arterioportal shunting, in hepatocellular carcinoma, 269
Pulsed ultrasound
  kidney hemorrhage after, 262
  lung damage from, 406
Pyloric stenosis, hypertrophic, infantile, 603

R

Receptor expression, of macrophages, after ultrasound, 93(Feb.)
Rectal cancer, recurrent, endosonographic diagnosis of, 149
Rectus sheath hematoma, simulating penappendiceal abscess, 179
Renal agenesis, lying down adrenal sign and, 533
Renal cyst, milk of calcium in, 195
Renal Hemangiopericytoma in Childhood: Noninvasive Imaging (case report), Wan Y-L, Chen W-J, Chen W-F, Lee T-Y, Tsai C-C, 238
Renal mass, subcapsular, temporal change and, 181
Renal obstruction, fetal, Doppler identification of, 469
Renal ultrasonography, septated hypoechoic perirenal fat on, 361
Respiratory tract atresia, prenatal diagnosis of, 673
Rotating exposure chamber, ultrasonic cavitation in, 407

S

Safety criteria, for ultrasound, 425
Saphenous thrombophlebitis, extension into femoral vein, 285
Scientifically Based Safety Criteria for Ultrasonography, Nyborg WL, 425
Scrotum, acute, adult, color Doppler of, 543
Septated Hypoechoic Perirenal Fat on Sonograms: A Pitfall in Renal Ultrasonography (case report), Brammer HM, Smith WS, Lubbens PR, 361

Septic subdeltoid bursitis, 159
Shoulder arthrography, needle placement for, ultrasonographic guidance of, 135
Sinus ectasia, dural, after prolonged nuchal cord encirclement, 289
Sjogren's syndrome, HIV cystic parotid lesion similarity to, on ultrasound, 35
Small bowel, fetal
  dilation of, congenital syphilis and, 49
  gangrene of, 232
Smooth muscle tumors, of gastrointestinal tract, sonographic and computed tomographic patterns of, 527
Sonoelasticity of Organs: Shear Waves Ring a Bell, Parker KJ, Lerner RM, 387
Sonographic Approach to Diagnosing Pulmonary Consolidation, Targhetta R, Chavagneux R, Bourgeois J-M, Dauzat M, Balmes P, Pourcelot L, 667
Sonographic Characterization of an Accessory Fissure of the Left Hepatic Lobe Determined by Omental Infolding, Martinoli C, Cittadini G, Conzi R, Pastorino C, Neumaier C-E, Rollandi G, Grozio G, Garlaschi G, 104(Feb.)
Sonographic Demonstration of Air in the Myometrium: A Complication of Culdocentesis, Roberts CE, Athey PA, 7
Sonographic Demonstration of Annular Pancreas in the Newborn (case report), Orr LA, Powell RW, Mehlem RE, 373
Sonographic Detection of Duodenal Ulcer, Lim JH, Lee DH, Ko YT, 91(Mar.)
Sonographic Detection of Septic Subdeltoid Bursitis (case report), Lombardi T, Sherman L, van Holsbeeck M, 159
Sonographic Diagnosis of an Incarcerated Inguinal Hernia Containing Uterus and Left Adnex A (case report), Bijnens E, Broeckx J, Hoffbauer R, Borreman JP, 249
Sonographic Diagnosis of Hydatids of Morgagni of the Fallopian Tube (case report), Schiebler ML, Dotters D, Baudoin L, Keefe B, 115(Mar.)
Sonographic Diagnosis of Infantile Hypertrophic Pyloric Stenosis, Davies RP, Linke RJ, Robinson RG, Smart JA, Hargreaves C, 603
Sonographic Evaluation of Pregnancies with Maternal Varicella Infection, Pretorius DH, Hayward I, Jones KL, Stamm E, 459
Sonographic Findings in a Fetus with Congenital Nephrotic Syndrome of the Finnish Type (case report), Moore BS, Pretorius DH, Sciosscia AL, Renzik VM, 113(Feb.)
Sonographic Observation of Amniotic Rupture without Amniotic Band Syndrome, Benacerraf BR, Frigoletto FD Jr, 109(Feb.)
Sonographic Recognition of Unilateral Megalencephaly (case report), Babyn P, Chuang S, Daneman A, Withers C, 564
Sonographic Scoring Index for Prenatal Detection of Chromosomal Abnormalities, Benacerraf BR, Neuberg D, Bromley B, Frigoletto FD Jr, 449
Sonography
  of cervical spine, special technique for, 502
  of gastrointestinal smooth muscle tumors, 527
Sonography of Acute Appendicitis in Childhood: Perforation Versus Nonperforation, Hayden CK Jr, Kuchelmeister J, Lipscomb TS, 209
Sonography of the Bladder after Ureteral Reimplantation, Zerin JM, Smith JD, Sanvordenker JK, Bloom DA, 87(Feb.)
Spatial average-pulse average, in real-time ultrasound, 11
Spatial average-temporal average, in real-time ultrasound, 11
Special Technique for Cervical Spine Sonography: Illustrated by a Patient with Meningoencephalocele, Dandy-Walker Variant, and Syringomyelia (case report), Harlow CL, Drose JA, 502
Spinal curvature, abnormal, in fetus, 473
Spontaneous Improvement of Intrathoracic Masses Diagnosed in Utero, Budorick NE, Pretorius DH, Leopold GR, Stamm ER, 653
Spontaneous Resolution of a Sonographically Complicated Fetal Ovarian Cyst (case report), Zamora M, Gonzalez N, 567
Stomach, fetal, measurement of, 664
Subchorionic thrombohematoma, fetal growth retardation from, 245
Surgical trauma, spontaneous echocardiographic contrast after, 189
Syphilis, congenital, with fetal small bowel dilation, 49
Syringomyelia, cervical spine sonography of, 502
Systemic lupus erythematosus, umbilical artery Doppler velocimetry in women with, 275

T

Temperature elevation, in tissue, by ultrasound tone bursts, 406
Testicular appendage, torsion of, 81(Mar.)
Testis, mediastinum, tubular ectasia in, 349
Thalamus, fetal, in cytomegalovirus infection, 686
Thermodynamic Method of B/A Analysis of Liposome Suspensions: Prediction via Single Relaxation Theory, Tata DB, Dunn F, 441
Thoracic Bony Lesions, impalpable, sonographically guided needle aspiration biopsy diagnosis of, 105(Mar.)
Thoracic mass, in utero diagnosis of, 653
Thorax, meconium, prenatal diagnosis of, 683
Three-Dimensional Sonographic Analysis Based on Color Flow Doppler and Gray Scale Image Data: A Preliminary Report, Pretorius DH, Nelson TR, Jaffe JS, 225
Thrombohematoma, subchorionic, fetal growth retardation from, 245
Thrombus, tumor, in inferior vena cava, color Doppler of, 639
Thyroid gland, fetal, normal and abnormal sonographs of, 26
Tissue, temperature elevation in, by ultrasound tone bursts, 406
Tissue imposed envelope, on ultrasound imaging, 433
Tissue interface, ultrasonic heating at, mode conversion and, 393
Torsion of the Testicular Appendage: Sonographic Diagnosis, Cohen HL, Shapiro MA, Haller JO, Glassberg K, 81(Mar.)
Transvaginal color Doppler, 134
  of adnexal mass, 80(Mar.), 332
  of ovarian malignancy, 631
Transvaginal Sonographic Appearance of Endometriomata: Spectrum of Findings, Kupfer MC, Schwimer SR, Lebovic J, 129
Transvaginal sonography
  of empty follicle syndrome, 313
  of phocomelia, 309
Transvaginal Sonography of Cervical Width and Length during Pregnancy, Smith CV, Anderson JC, Matamoros A, Rayburn WF, 465
Tubo-ovarian abscess, postmenopausal, 613
Tubular Ectasia within the Mediastinum Testis, Weingarten BJ, Kellman GM, Middleton WD, Gross ML, 349
Tumor thrombus, in inferior vena cava, color Doppler of, 639
Twin gestations
  cystic adenomatoid malformation in one fetus in, 305
  dichorionic, 571
  fetal surveillance of, 537
  growth in, 74(Mar.)
"Twin Peak" Sign: Reliable Evidence of Dichorionic Twinning, Finberg HJ, 571
Types, Frequency, and Significance of Alternative Diagnoses Found during Duplex Doppler Venous Examinations of the Lower Extremities, Borgstede JP, Clagett GE, 85(Mar.)

U

Ulcer, duodenal, sonographic detection of, 91(Mar.)
Ultrasonic cavitation, in rotating exposure chamber, 407
Ultrasonic heating, at tissue interfaces, mode conversion and, 393
Ultrasonically Induced in Vitro Cell Lysis: Node-Antinode Interactions, Doida Y, Brayman AA, Miller MW, 413
Ultrasonographic and Color Doppler Imaging of Hemorrhagic Epididymitis in Henoch-Schonlein Purpura (case report), Sudakoff GS, Burke M, Rifkin MD, 619
Ultrasonographic Guidance of Needle Placement for Shoulder Arthrography, Cicak N, Matasovic T, Bajraktarevic T, 135
Ultrasonographic Prenatal Diagnosis of Upper Respiratory Tract Atresia (case report), Weston MJ, Porter HJ, Berry PJ, Andrews HS, 673
Ultrasonography
  compression, for acute femoral artery pseudoaneurysm, 489
  picture archiving communication system in, 217
  safety criteria for, 425
Ultrasonography of Cystic Parotid Lesions in HIV Infection: Similarity of Sonographic Appearance with Sjogren's Syndrome, Gooding GAW, Sooy CD, Hybarger CP, 35
Ultrasound
  See also Doppler ultrasound; Duplex ultrasound; Pulsed ultrasound
  of contained inferior vena cava rupture, 293
  real-time, SATA and SAPA intensities in, 11

tissue-imposed envelope on, 433
Umbilical artery, Doppler resistance in, altitude and, 317
Umbilical artery Doppler velocimetry
in preeclampsia, 77(Feb.)
to identify fetal acidosis, 1
in women with systemic lupus erythematosus, 275
Umbilical cord, allantoic cyst of, 13
Umbilical Cord Prolapse through a Transverse Uterine Synechia (case report), Hill LM, Mills A, 617
Umbilical cord twists, direction of, 185
Umbilical and Uterine Doppler Velocimetry and Prostaglandin Levels in Preeclampsia, Feinkind L, Nanda D, Minkoff H, 77(Feb.)
Umbilical vein, fetal, varix of, 69(Mar.), 73(Feb.)
Umbilical Vein Entering the Right Atrium: Significance of in Utero Diagnosis (case report), Greiss HB, McGahan JP, 111(Mar.)
Unusual Sonographic Appearance: The Pyramidal Gallstone, Wall DT, Cooperberg PL, Mathieson JR, 521
Upper respiratory tract atresia, prenatal diagnosis of, 673
Urachus, patent, 117(Feb.)
Ureteral reimplantation, bladder after, 37
Urinoma, perinephric, bilateral, fetal, aspiration of, 679
Uterine Doppler velocimetry, in preeclampsia, 77(Feb.)
Uterine myoma, growth of, in pregnancy, 511
Uterine synechia, transverse, umbilical cord prolapse through, 617
Uterine-Umbilical Artery Doppler Velocimetry in Pregnant Women with Systemic Lupus Erythematosus, Guzman E, Schulman H, Bracero L, Rochelson B, Farmakides G, Coury A, 275
Uteroplacental blood flow, in abnormal first trimester pregnancy, 41
Uterus, contained in incarcerated inguinal hernia, 249

V

Valsalva maneuver, common hepatic duct diameter and, 143
Value of Doppler Flow Analysis in the Prenatal Diagnosis of Amniotic Sheets (case report), Abuhamad AZ, Romero R, Shaffer WK, Hobbins JC, 623
Variable Appearances of Fetal Gallstones, Devonald KJ, Ellwood DA, Colditz PB, 579
Varicella infection, maternal, in pregnancy, 459
Various Sonographic Patterns of Smooth Muscle Tumors of the Gastrointestinal Tract: A Comparison with Computed Tomography, Chen J-J, Changchien C-S, Chiou S-S, Tai D-I, Lee C-M, Kuo C-H, 527
Varix of the Fetal Intra-Abdominal Umbilical Vein: Comparison with Normal, Mahony BS, McGahan JP, Nyberg DA, Reisner DP, 73(Feb.)
Vascular disease, celiac and mesenteric, duplex ultrasound of, 481
Vascular surgery, operative color Doppler for, 65(Feb.)
Vasculature, of breast cancer, color Doppler of, 377
Vena cava, inferior
color Doppler of, 639
contained rupture of, 293
Verapamil, portal blood flow and, in liver cirrhosis, 517
Vestigial tail, prenatal diagnosis of, 53
Volvulus, fetal, 232

W

Walker-Warburg syndrome, antenatal sonographic features of, 301